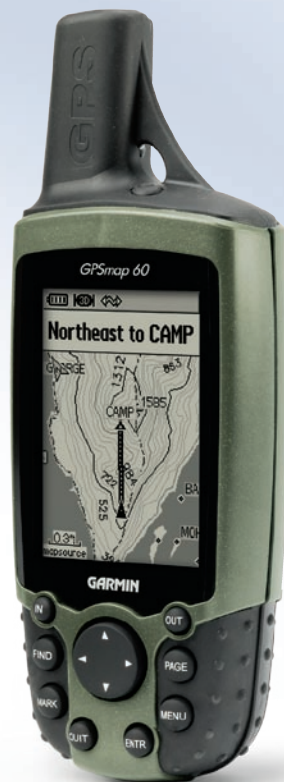


GPSMAP® 60

map navigator

owner's manual



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Preface

Thank you for choosing the Garmin GPSmap 60 handheld navigation system. This Owner's Manual and Reference Guide is comprised of the following sections:

Introduction—contains the Garmin software license agreement, FCC and safety information, the Table of Contents and an overview of the GPSmap 60 functional features.

Getting Started—takes you through installing batteries, using the unit control buttons, initializing the GPS receiver, etc.

GPS Navigation—takes you through the process of navigating with your GPSmap 60 and how to use GPS Navigation to customize the operation of your GPSmap 60.

GPS Features—provides detailed descriptions of additional GPS enhanced features such as the Calendar, Hunt and Fish, Sun and Moon and Games. Also included in this section are a few non-GPS features such as the Calculator, a non-GPS enhanced game, etc.

Appendices—provides you with additional information about your GPSmap 60 and an index by subject.

Preface

Contact Garmin

If you should encounter any difficulty while using your GPSmap 60, or if you have any questions, in the U.S.A. contact Garmin Product Support by phone at 913-397-8200 or 800-800-1020, Monday – Friday, 8 am – 5 pm Central Time; or by e-mail at sales@garmin.com.

In Europe, contact Garmin (Europe) Ltd. at 44/1794.519944.

Software License Agreement

Software License Agreement

BY USING THE GPSTmap 60, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE FOLLOWING SOFTWARE LICENSE AGREEMENT. PLEASE READ THIS AGREEMENT CAREFULLY.

Garmin grants you a limited license to use the software embedded in this device (the “Software”) in binary executable form in the normal operation of the product. Title, ownership rights and intellectual property rights in and to the Software remain in Garmin.

You acknowledge that the Software is the property of Garmin and is protected under the United States of America copyright laws and international copyright treaties. You further acknowledge that the structure, organization and code of the Software are valuable trade secrets of Garmin and that the Software in source code form remains a valuable trade secret of Garmin. You agree not to decompile, disassemble, modify, reverse assemble, reverse engineer or reduce to human readable form the Software or any part thereof or create any derivative works based on the Software. You agree not to export or re-export the Software to any country in violation of the export control laws of the United States of America.

FCC Compliance Information



The GPSmap 60 complies with Part 15 of the FCC interference limits for Class B digital devices FOR HOME OR OFFICE USE. These limits are designed to provide more reasonable protection against harmful interference in a residential installation, and are more stringent than “outdoor” requirements.

Operation of this device is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The GPSmap 60 does not contain any user-serviceable parts. Repairs should only be made by an authorized Garmin service center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and void your warranty and your authority to operate this device under Part 15 regulations.

Warnings and Precautions

CAUTION: Use the GPSmap® 60 at your own risk. To reduce the risk of unsafe operation, carefully review and understand all aspects of this Owner's Manual—and thoroughly practice operation using the Demo Mode prior to actual use. When in actual use, carefully compare indications from the GPSmap® 60 to all available navigation sources, including the information from other NAVAIDs, visual sightings, charts, etc. For safety, always resolve any discrepancies before continuing navigation.

CAUTION: IT IS THE USER'S RESPONSIBILITY TO USE THIS PRODUCT PRUDENTLY. THIS PRODUCT IS INTENDED TO BE USED ONLY AS A NAVIGATIONAL AID AND MUST NOT BE USED FOR ANY PURPOSE REQUIRING PRECISE MEASUREMENT OF DIRECTION, DISTANCE, LOCATION OR TOPOGRAPHY. THIS PRODUCT SHOULD NOT BE USED AS AN AID TO DETERMINE GROUND PROXIMITY FOR AIRCRAFT NAVIGATION.

CAUTION: The electronic chart is an aid to navigation and is designed to facilitate the use of authorized government charts, not replace them. Only official government charts and notices to mariners contain all information needed for safe navigation – and, as always, the user is responsible for their prudent use.

Warnings and Precautions

MAP DATA INFORMATION: One of the goals of Garmin is to provide customers with the most complete and accurate cartography that is available to us at a reasonable cost. We use a combination of governmental and private data sources, which we identify as required in product literature and copyright messages displayed to the consumer. Virtually all data sources contain inaccurate or incomplete data to some degree. This is particularly true outside the United States, where complete and accurate digital data is either not available or prohibitively expensive.

WARNING: The Global Positioning System (GPS) is operated by the United States government, which is solely responsible for its accuracy and maintenance. The system is subject to changes which could affect the accuracy and performance of all GPS equipment. Although the Garmin GPSmap 60 is a precision electronic NAVigation AID (NAVAID), any NAVAID can be misused or misinterpreted and, therefore, become unsafe.

WARNING: This product, its packaging, and its components contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. This Notice is being provided in accordance with California's Proposition 65. If you have any questions or would like additional information, please refer to our web site at <http://www.garmin.com/prop65>.

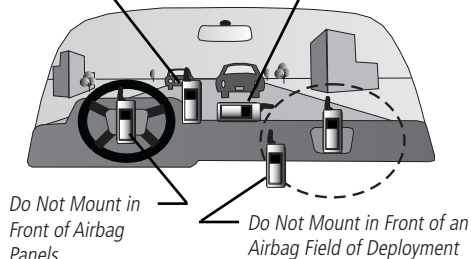
Warnings and Precautions

Important

Because the Garmin GPSmap 60 can be used for vehicular navigation, important safety considerations must be observed. Please read and observe the instructions on this page.

Do Not Mount Where Driver's Field of Vision is Blocked

Do Not Place Unsecured on the Vehicle Dash



Safety Warnings and Cautions—Read This First!

WARNING: For use in vehicles, it is the sole responsibility of the owner/operator of a vehicle with the GPSmap 60 installed to place and secure the device so that it will not interfere with the vehicle operating controls and safety devices, obstruct the driver's view of driving conditions, or cause damage or personal injury in the event of an accident.

Do not mount the unit over airbag panels or in the field of airbag deployment. Airbags expand with a rapid force that can propel objects in their path towards the vehicle driver or passengers causing possible injury. Refer to airbag safety precautions contained in the vehicle owner's manual.

Do not mount the unit in a place where the driver or passengers are likely to impact it in a collision. The mounting hardware provided by Garmin is not warranted against collision damage or the consequences thereof.

WARNING: When used in vehicles, it is the sole responsibility of the driver of the vehicle to operate the vehicle in a safe manner, maintain full surveillance of all driving conditions at all times, and not become distracted by the unit to the exclusion of safe driving practices. It is unsafe to operate the controls of the unit while you are driving. Failure by the driver of a vehicle equipped with a GPSmap 60 installed to pay full attention to operation of the vehicle and road conditions while the vehicle is in motion could result in an accident with property damage and personal injury.

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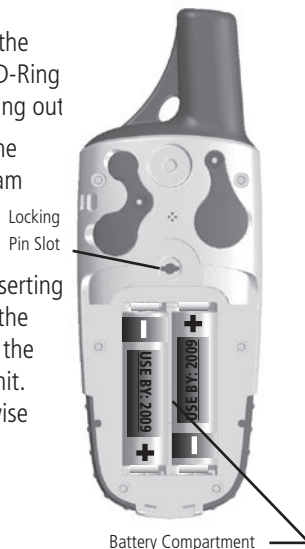
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Installing the Batteries

The GPSmap 60 operates on two “AA” batteries (not included), which are located in the back of the unit. Alkaline or NiMH batteries may be used (see page 45 for setting the battery type.) Stored data will not be lost when batteries are removed.

To install batteries:

1. Remove the battery cover from the back of the unit by turning the D-Ring turn counter-clockwise and pulling out
2. Insert the batteries, observing the proper polarity. A polarity diagram can be found molded into the battery compartment.
3. Reinstall the battery cover by inserting the bottom slot over the tab at the base of the unit and reinserting the locking pin in the back of the unit. Turn the D-Ring 1/4 turn clockwise to lock in place.



Battery Installation and Start Up

Important Note

When replacing batteries, use only new or fully charged batteries. Do not mix Alkaline and NiMH batteries. Rechargeable batteries may typically display less capacity than disposable batteries.

Remove the batteries from the unit if you don't plan to use it for several months. Storing batteries in the unit for prolonged periods may result in leakage and damage to the battery compartment.

Follow the manufacturer's instructions for proper care and disposal of used batteries. Do not incinerate used batteries, as internal materials may ignite with explosive violence.

Extensive use of backlighting and/or WAAS as well as key beep tones will significantly reduce battery life.

To set backlighting intensity and timeout, see page 46.

To disable WAAS, see page 45.

To mute the beep tones, see page 48.

GPSmap 60

Getting Started

Key Functions

IN/OUT Zoom Keys

- From the Map Page, press to zoom in or out.
- From any other page, press to scroll up or down a list.

FIND Key

- Press and release at any time to view the Find Menu Page.
- Press and hold for MOB.

MARK Key

- Press and release at any time to mark your current location as a waypoint.

QUIT Key

- Press and release to cancel data entry or exit a page.

POWER/BACKLIGHT/CONTRAST Key

- Press and hold to turn unit On/Off.
- Press and release to display backlighting and contrast controls.

ROCKER Key

- Move Up/Down or Right/Left to move through lists, highlight fields, on-screen buttons, icons, enter data or move the map panning arrow.

PAGE Key

- Press to cycle through the main pages.
- Press when using the on-screen keyboard to close.

MENU Key

- Press and release to view options for a page.
- Press twice to view the Main Menu.

ENTER Key

- Press and release to enter highlighted options, data or confirm on-screen messages.



Unit Features

Belt Clip/Auxiliary Connector Mount

- Clips to a belt for convenient access when hiking or walking.

Auxiliary GPS Antenna Connector (under weather cover)

- Provides connection to a remote GPS antenna with MCX connector.

External Power and Data Connector Port (under weather cover)

- Provides interface to a PC for data transfer.
- Provides auxiliary AC or DC power adapter connection.

USB Connector Port (under weather cover)

- Provides interface to a PC for fast data transfer.

Battery Compartment Locking D-Ring

- Turn 1/4 turn counter-clockwise and lift to remove cover.

Battery Compartment Cover

GPS Helix Antenna

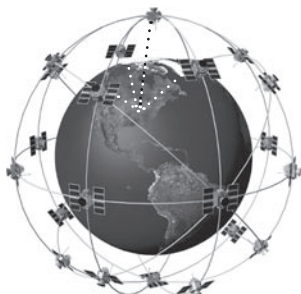
- Provides quick satellite acquisition.

Auxiliary Mount Alignment Slots

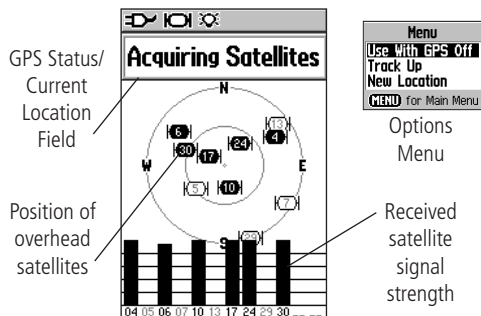


GPSTmap 60 Getting Started

Initialization & the Satellite Page



The GPSMap 60 locates satellites above its position



Satellite Page Displaying Satellite Signals

Starting Up the GPS Receiver

When you turn on the GPSMap 60, the GPS receiver begins to search for satellites in order to determine (fix) its location. This process is called "initialization" and can take up to 15 minutes the first time you use your unit. Thereafter, if you haven't moved more than 600 miles from your original location, it takes only seconds to minutes. In order to receive satellite signals, you must be outdoors and have a clear view of the sky. Satellite signals cannot pass through solid materials (except glass) or dense overhead tree cover. To shorten the time required for this first initialization, select "New Location" from the options menu, then you can use the Map Page to determine your general location so the GPSMap 60 can search for just those satellites above your position.

To initialize your GPSMap 60:

1. Press and release the **POWER** key to turn on the unit.
2. Observe the "Power On" Page followed by the Satellite Page.
3. While the GPS receiver is searching for the satellite signals, a "Locating Satellites" message followed by an "Acquiring Satellites" appears until enough satellites signals are acquired to fix its location.

You will also see a sky view array of the satellites overhead with your position centered in the array. The outer circle represents the horizon and the inner circle a position 45° from the horizon. The numbers displayed indicate the number assigned to each satellite. A bar graph displays the strength of signals from each satellite.

4. When the receiver has signals from at least three satellites, the display at the top of the page will change to indicate position accuracy and location coordinates. The Status Bar at the top of the display indicates the GPS status and status of other features.

If, for any reason, you have difficulty initializing your GPSmap 60, the solution could be as simple as moving slightly to avoid objects that are blocking or deflecting the satellite signals.

5. Press and release the **PAGE** key until the Map Page is displayed. You are now ready to begin GPS-aided navigation.

Active Navigation is supported by three of the Main Pages:

The **Map Page** graphically shows you, your current location, marks your route to a destination with a route line, and leaves a trail (track log) of where you've been.

The **Compass Page** indicates direction to go and direction of travel.

The **Trip Computer Page** records and displays travel data.

There are three methods of navigating to a destination when using the GPSmap 60, each graphically displayed on the **Map Page**.

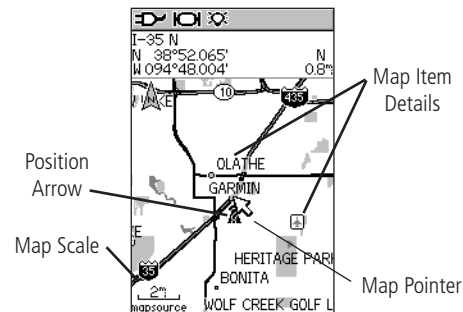
Go To - A direct path to a selected destination (waypoint, city, address, etc.).

Track - A previous path of travel that has been stored (logged) in the GPSmap 60. A Track allows you to repeat a path or retrace the path.

Route - A path to a destination consisting of intermediate stops along the way (waypoints, cities, exits, points of interest, intersections, etc.).

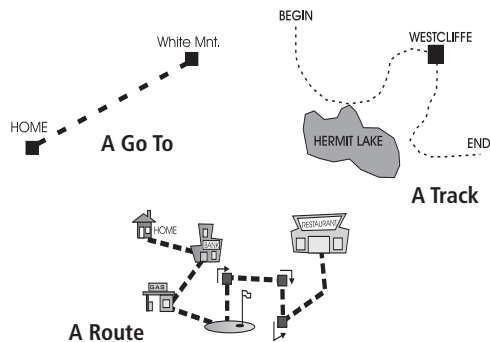
Refer to the sections on Tracks, Routes and Waypoints for details.

Initialization & The Satellite Page



Map Page with Current Position Arrow

Navigating with the GPSmap 60



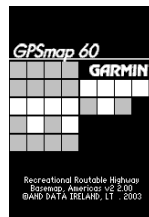
GPSmap 60 Getting Started

The Main Page Sequence

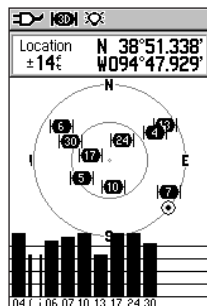
When you turn on the GPSmap 60, you can see the Power On Page, followed by the Satellite Page, which is the first of the Main Pages in sequence.

To view each Main Page:

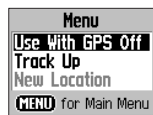
1. Press and release the **PAGE** key repeatedly to cycle through the main pages.
2. With a page displayed, press the **MENU** key to display the list of options for that page.



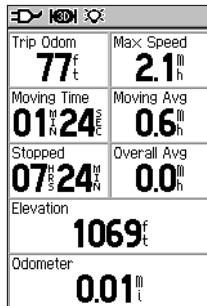
"Power On" Page



Satellite Page



Satellite Page Options



Trip Computer Page

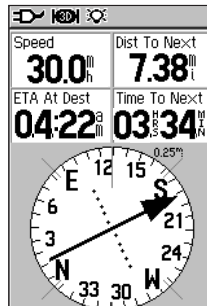


Trip Computer Page
Options

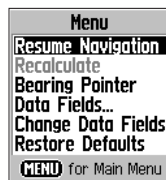
Map Page Options



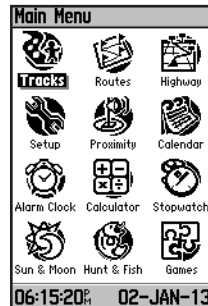
Map Page



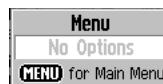
Compass Page



Compass Page
Options



Main Menu



There are no Options at
the Menu level

Status Bar, Backlighting, Contrast and On-Screen Messages

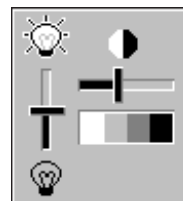
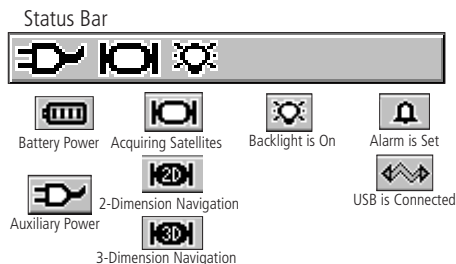
At the top of each page, a Status Bar (which is always displayed) provides current status information for several unit features.

- Power to the unit is provided either by batteries or by an auxiliary source (AC or DC Adapter). The Battery Power icon displays the remaining power as the battery becomes depleted.
- Satellite signal status is shown when searching for (acquiring) satellites, when a two-dimensional fix is attained and when four or more satellites have been received (three dimensional fix).
- Backlighting is Off when you power up the unit. When On, it uses a significant amount of battery power. This icon displays when the backlight is functioning.
- The Alarm Clock icon displays whenever the Alarm is set.
- The USB cable connection icon, displays when the unit is in communication with a PC Universal Serial Bus.

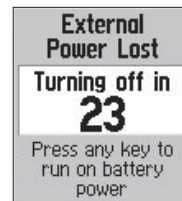
You may want to adjust the backlight level by pressing down on the **POWER** key and releasing. Then tap the **POWER** key or **ROCKER** key Up/Down arrows to cycle through the levels of backlight adjustment. To adjust the screen contrast to improve readability for different lighting conditions, use the **ROCKER** key Left/Right arrows to move the contrast slider.

Whenever a significant event in the operation of the unit occurs, an on-screen message appears to advise you of the occurrence. In each case, the condition is described and often a remedy provided. Pressing the **ENTER** key will acknowledge and close the message window.

The Main Page Features



Backlight and
Contrast Adjustment
Sliders
(Brightness varies
according to battery
power level.)

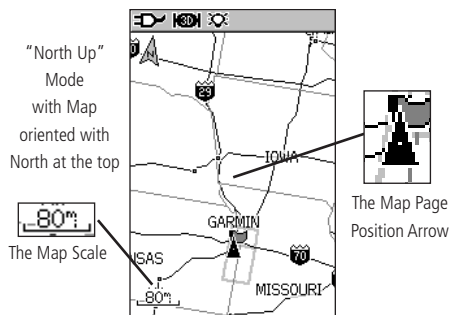


On-Screen Messages

GPSmap 60

GPS Navigation

The Map Page



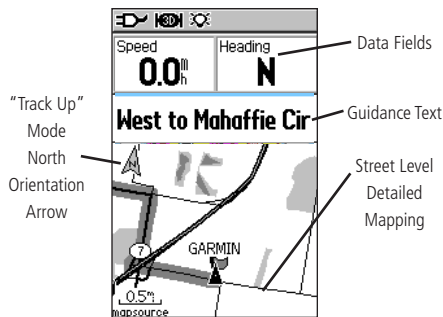
Using the Map Page

The Map Page is the primary navigation feature of the GPSmap 60. The Map Page displays a detailed map of the area surrounding your current location. It allows you to pan the map with the **ROCKER** key and view your progress when navigating. When in the "Track Up" mode (oriented in the direction of travel), a north reference arrow appears at the top left corner to orient the map. When in the "North Up" mode the map is oriented like a paper map. When you activate the Track Log feature, your path of movement is indicated by a dotted line. The map display can be changed to "Night" mode for easier viewing in dim light. The factory set default automatically changes the display at sunrise and sunset.

The map also displays geographic details such as rivers, lakes, highways and towns. The maps to the left show a higher level of detail than the basemap provided with the unit (i.e. residential streets, parks, etc.) because Garmin MapSource® detailed mapping data has been downloaded from a CD-ROM program.

You can use the Map Page to do the following:

- Determine your current location and progress while moving.
- Select and save a map point as a waypoint.
- Locate and navigate to map items by following a Route displayed on the map.
- Customize the map display to your requirements.



The Map Page with Data Fields and Guidance Text

Using Map Page Features

Use the Zoom **IN** and **OUT** buttons to change the map scale. You can show more map area with less detail or less map area with more detail. Press and hold to Zoom the map scale rapidly.

The map scale in the lower left hand side of the display is shown in units of measurement selected in the “Units” field of the Unit Setup Page. If you zoom in so far that the resolution of the map data is exceeded and the appearance of the map is no longer accurate, the word, “overzoom” displays just below the map scale. When using MapSource detailed maps, “mapsource” appears below the scale.

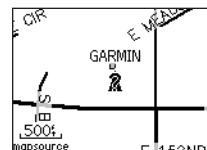
In many instances the map displays an “Accuracy Circle” surrounding the “Position Icon.” The GPSmap 60 uses both map resolution and GPS accuracy in defining your location to a point within the circle. The smaller the circle, the more accurate your location.

When using the “Pan Map” feature, a small outline arrow (Panning Arrow) can be moved about the page to highlight and identify map items or to scroll the map to view areas not shown on the display screen. If there is more than one map item under the Panning Arrow. A list of those items displays with the item highlighted on the map and on the list.

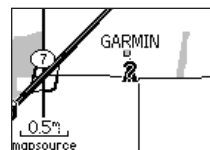
Optional data fields can be added at the top of the display to provide a variety of travel and navigational information, see pages that follow.

When navigating, Guidance Text will be displayed at the top of the map.

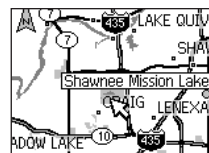
The Map Page



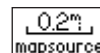
Zoom In



Zoom Out



Map Features



Map Scales



Accuracy Circle



Panning Arrow

South to US 169

Guidance Text

The Map Page



The Map Page Options Menu

A Quick Look at the Map Page Options

Stop Navigation - Stops navigation and is disabled when there is no active navigation.

Recalculate - Recalculates a route and is disabled when there is no active navigation.

Data Fields - Allows two to four fields to display at the top of the page showing Speed, Heading, Elevation and Time.

Guidance Text - Displays messages on the screen to advise you of your next navigation move when navigating to a destination.

Change Data Fields - Allows you change data field types.

Setup Map - Access to six pages of Map display settings so you can customize the map to your preferences.

Measure Distance - Measures the distance from your current location to the Map Pointer.

Turn Declutter On - Eliminates the display of items on the map that can block out road details when the map is zoomed out.

Restore Defaults - Returns the map display to the factory set map display defaults.

The Map Page Options Menu

The Map Page can be changed to display a variety of information for navigation. You can stop navigation to a destination and arrange up to four data fields to display the type of navigation information you desire. Include a navigation guidance text message on the map page. You can select the type of data fields to display and change the way the map displays items by selecting your own settings for text size, what items are displayed and more. You can display the distance from your current location to other locations on the map and reduce the amount of map clutter (map item icons and names) to increase the visibility of roads and other geographic features. You can restore the Map Page display to the factory default settings.

To arrange the Map Page:

1. With unit turned On, press and release the **QUIT** key until the Map Page displays.
2. Press the **MENU** key to display the Map Page Options Menu.
3. Use the **ROCKER** key to select the feature you want to use to customize the Map Page and press the **ENTER** key.

Some of these options contain sub-menus that allow you to further control how the option is used.

The pages that follow discuss each option in detail.

To display Data Fields:

1. With the Map Page Options Menu displayed, use the **ROCKER** key to highlight the Data Fields option and press **ENTER**.
2. Observe the sub-menu options: "Map Only," "2 Data Fields," "3 Data Fields" and "4 Data Fields."

You can choose to leave the Map Page as is (full page map), or add two, three or four navigation data fields.

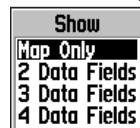
3. Highlight your choice and press **ENTER**.

To change Data Fields:

1. After you display the data fields, a "Change Data Fields" option appears on the options menu when you press the **MENU** key.
2. Select this option and press **ENTER**.
3. Press **ENTER** again to select from a list of types of navigation data to display in the first data field.
4. After making your selection and entry, use the **ROCKER** key to move to the next field and repeat the process.

Some Data Field Options are related to the display of data received from other devices interfaced to the GPSmap 60. For an explanation of what each option represents, see page 70 of the Appen-

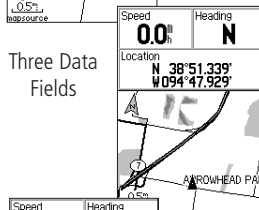
The Map Page



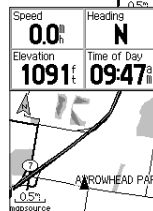
Data Field Sub-Menu



Two Data Fields



Three Data Fields

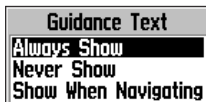


Four Data Fields

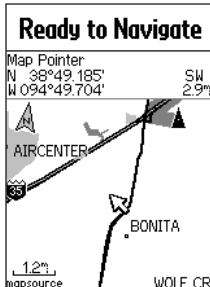
List of Data Field Options

Accuracy Of GPS
Bearing
Course
Depth
Distance To Destination
Distance To Next
ETA At Destination
ETA At Next
Elevation
Heading
Odometer
Off Course
Pointer
Speed
Speed - Maximum
Speed - Moving Avg.
Speed - Overall Avg.
Sunrise
Sunset
Time To Destination
Time To Next
Time of Day
To Course
Trip Odometer
Trip Time - Moving
Trip Time - Stopped
Trip Time - Total
Turn
Velocity Made Good
Vertical Speed
Vertical Speed Dest
Water Speed
Water Temperature
Waypoint - Destination
Waypoint At Dest
Waypoint At Next

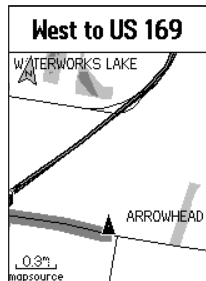
The Map Page



Guidance Text Options Menu



GPS Status Message when not navigating



Guidance Message when navigating

To display Guidance Text:

1. With Map Page displayed, press the **MENU** key to display the Map Page Options Menu.
2. Highlight the Guidance Text Option and press **ENTER** to display the Guidance Text Options Menu.
3. Select the desired option "Always Show," "Never Show" or "Show When Navigating" then press **ENTER** to activate.

If you select "Always Show," a guidance message will always be displayed whether or not you are navigating.

If you select "Show When Navigating," a guidance message will be displayed until you select "Stop Navigation" from the Options Menu.

Guidance Text shows you useful information when using one of the navigation methods described on page 5. If you select "Always Show" and you are not navigating, the message field will display GPS Status information,

To set up the Map:

Refer to the "Map Setup" section on page 49.

Measuring Distance

This Map Page option allows you to determine the distance to a point on the map from your current location. Access the Map Page Options Menu, select “Measure Distance” and press **ENTER** to activate. To measure between two selected points on the Map, move the Map Pointer to the first map point you want to measure from, press **ENTER** and then move the Map Pointer to the second map point. Press **QUIT** to cancel.

Turning Declutter On/Off

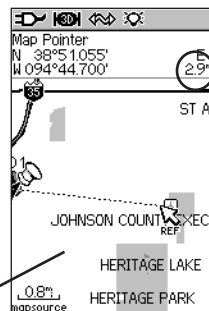
This Map Page option allows you to remove map item titles and icons that clutter the view of roadways, especially when the map is zoomed in.

To turn Declutter On, access the Map Page Options Menu, select “Declutter On” and press **ENTER** to activate. Do the same to cancel the “Declutter” option.

Restoring Default Settings

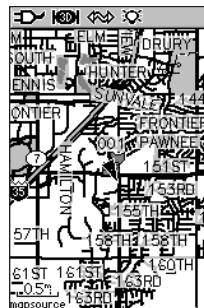
This option allows you to return the map settings to factory settings.

The Map Page



Measured
Distance

The "Measure Distance" Option Enabled

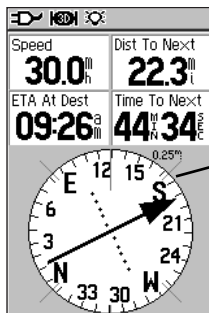


Map Declutter "Off"



Map Declutter "On"

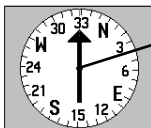
The Compass Page



Compass Page



Course Pointer



Bearing Pointer

Using the Compass Page

The Compass Page is your guide to accurate and efficient navigation. It uses traditional navigation displays to provide navigation information.

When navigation is in progress, the Compass Page provides navigation data and directions. It uses a graphic compass display, a bearing pointer and digital data fields to display information such as current speed, distance to the next point on the route, estimated arrival time, etc. You can choose from three or four data fields and select the type of data displayed in each from a list of options.

When moving, the rotating graphic compass indicates the direction you are heading. The Bearing Pointer indicates the direction (bearing) to your destination relative to your current heading direction. The compass dial and Bearing Pointer work independently to show your direction of movement and the direction to your destination. You can choose between a Bearing Pointer or a Course Pointer for guidance.

The compass does not function as a magnetic compass when you are stationary. However when you move, the dial rotates to keep you oriented in relation to North. This is especially helpful when using a paper map in conjunction with your unit for navigation.

To use the Compass Page Options:

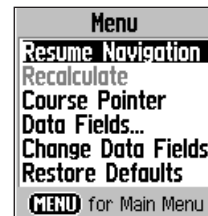
1. Press the **MENU** key to display the Options Menu.
2. The first option is "Stop Navigation" which can be highlighted and activated by pressing **ENTER** to stop navigating.
3. The second option is "Course Pointer" or "Bearing Pointer."

The Bearing Pointer and Compass Ring work independently of the direction of your movement and the direction to your destination. The Bearing Pointer always points directly to the destination, no matter what your current location might be.

For example: if the arrow is pointing straight up, you are going directly to your destination. If it points any direction other than up, turn towards that direction until the arrow is pointing up and then continue in that direction. If you are using the "Course Pointer" option instead and you drift away from the line of travel to your destination, the Course Deviation Indicator (CDI) provides graphic indication of drift (right or left) and displays the distance off course.

4. The third option is "Data Fields." Highlight the data fields option and press **ENTER** to display the Show "3 Data Fields" or "4 Data Fields" options. Highlight your selection and press **ENTER**.
5. The next option is "Change Data Fields" which allows you to determine what data is displayed in the fields. When you select this option, the topic of the first data field on the page will be highlighted. When you press **ENTER**, a list of data options will appear. Refer to page 11 for details on changing data fields.

The Compass Page



Compass Page Options Menu



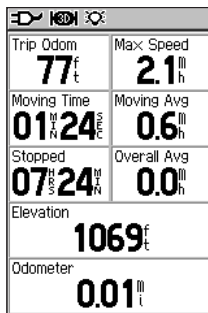
Course Pointer Option



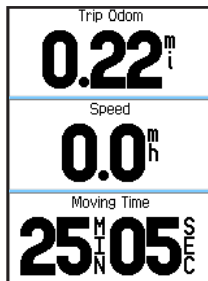
Change Data Fields Option

The Trip Computer Page

Select "Change Data Fields" or press the **ROCKER** key to highlight a field you want to change.



Options Menu



Big Numbers Option

Using the Trip Computer Page

The Trip Computer Page provides you with a wide variety of travel data that is useful when navigating long distances. It indicates your current speed, average speed, trip odometer and many other statistics useful for navigation.

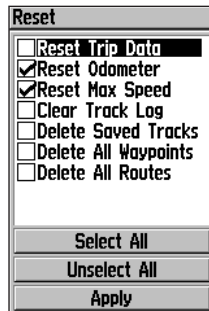
You can customize the Trip Computer display to meet your personal requirements. Selecting the type of data to display is done in the same manner as for the data fields on the Map Page. (See page 11 for details.)

If you want to record new data for each trip, a "Reset" option is available. If you want to view significant trip data at a glance, you can use the "Big Numbers" option, which shows fewer fields with larger displays.

Before each trip, be certain to reset the trip information by highlighting "Reset" from the options menu and pressing **ENTER**.

The Reset Page offers options for resetting trip computer data, clearing the Track Log and deleting Saved Tracks, Waypoints and Routes. This page allows you select individual items, select all and unselect all. Once your selections are made, highlight the "Apply" button and press **ENTER**. Answer "OK" to the Yes/Cancel prompt and press **ENTER** to complete the reset.

Selecting the "Restore Defaults" option will return the page to factory settings.



Reset Page

The Mark Waypoint Page

The Mark Waypoint Page allows you to mark and record your current (or any other) location as a waypoint and displays a name for that waypoint and a waypoint symbol. You can mark your current location from any page on the GPSmap 60.

To mark your current location as a waypoint:

1. Press in and hold the **ENTER** key until the Mark Waypoint Page appears.
2. To change the name of the waypoint, use the **ROCKER** key to highlight the waypoint name field and press **ENTER** to display the on-screen keypad. Use the **ROCKER** key and **ENTER** key to select a name for the waypoint. If you choose a name that has already been used, a "Waypoint Already Exists" message will appear. Press **ENTER** to acknowledge and choose a new name.
3. To assign an identifying symbol to a waypoint, use the **ROCKER** key to highlight the symbol block next to the waypoint name and press **ENTER** to display the Symbols Chart.
4. To save the waypoint to the Find Menu Waypoints List, highlight "OK" and press **ENTER**.
5. If you do not want to save it as a new waypoint, press the **QUIT** key, before pressing any other key, to cancel.

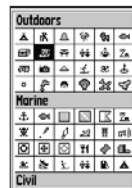


Press the
MARK key
to display
the Mark
Waypoint
Page

Using Waypoints

Mark Waypoint	
001	
Note	
02-JAN-13 4:20:26PM	
Location	
N 38°51.333'	W 094°47.941'
Elevation	Depth
-----'	-----'
From Current Location	
N	0'
Avg	Map OK

Mark Waypoint Page



Symbols Chart

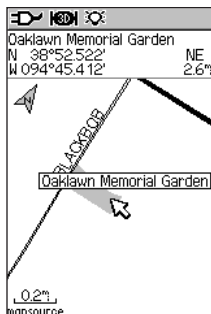
HOME	
ABC	Back 1 2 3
DEF	Space 4 5 6
GHI	OK 7 8 9
JKL	0 - +
MNO	
PQR	
STU	
VWX	
YZ	
N 38°51.333'	
W 094°47.941'	
Elevation	Depth
-----'	-----'
From Current Location	
N	0'
Delete	Map Go To

Naming a Waypoint

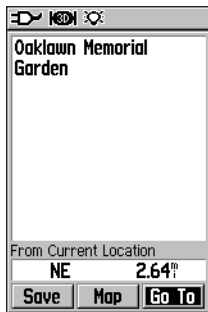
GPSmap 60

GPS Navigation

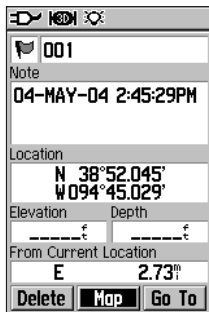
Using Waypoints



Map Item selected as a
Waypoint



Information Page for a
Map Point with Data



Waypoint Page for a
Map Point without Data

To create a waypoint with the map panning arrow:

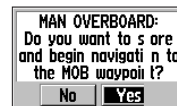
1. With the Map Page displayed, move the panning arrow (map pointer) to the map item you want use as a waypoint. If there is information in the mapping database for that location it will highlight momentarily and display a name or address.
2. Press **ENTER** to display the information page. With the Waypoint Information Page displayed, highlight the "Save" button at the bottom of the page and then press **ENTER** to save it to the Find Menu Waypoints List.

If the map selected does not contain any information, a message will appear, stating "No map information at this point. Do you want to create a user waypoint here?". Select "Yes" and press **ENTER** to display a new waypoint page.

Another method for creating a waypoint is the Man Overboard (MOB) feature. Typically, this is an application for marking a location on water where you cannot stop quickly and must return to a point where there are no land marks for reference.

To create a waypoint using the MOB feature:

1. Press and hold the **FIND** key to display the MOB prompt.
2. Select "Yes" and press **ENTER** to display the Map Page showing the path from your current location to the MOB point. Use the Compass Page for additional guidance to the MOB point.



MOB Prompt

A waypoint location can be averaged over time for more accuracy, but only while the GPS has a fix on the location and before saving it.

To average a Waypoint Location using measurements over time:

1. With the "New Waypoint" information page displayed, press the **MENU** key to display the page options menu.
3. Select "Average Location" and press **ENTER** to display the Average Location Page. It will begin to average automatically.
4. Highlight the "Save" button and press **ENTER** when desired.

Editing a Waypoint

A waypoint can be selected from the Find Feature Waypoints list and edited to change the map symbol, name, location coordinates, elevation or to delete it. Refer to page 21 for details on using the Find Feature.

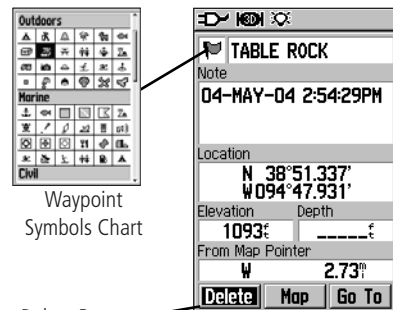
To edit a Waypoint:

1. Use the Find Feature to display the desired waypoint information page.
2. Make changes as required by highlighting each field and using the waypoint symbol chart and alpha/numeric keypad to enter new data.
3. Press the **QUIT** key to close and save the changes.

To delete a Waypoint:

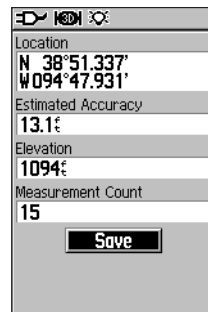
1. Use the Find Feature to display the desired waypoint information page.
2. Highlight the "Delete" button at the bottom of the page and press **ENTER**. Answer "Yes" to the pop-up prompt and press **ENTER** to delete.

Using Waypoints

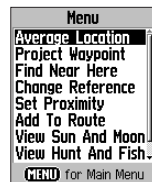


Waypoint Symbols Chart

Delete Button



Average Location Page

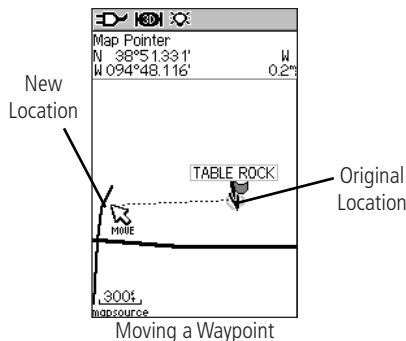


Waypoint Options Menu

GPSmap 60

GPS Navigation

Using Waypoints



To move a Waypoint on the Map Page:

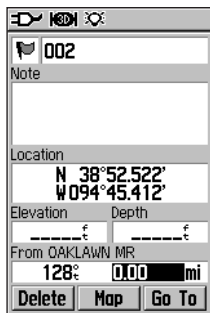
1. Use the Find Feature to display the Information Page for the desired waypoint (refer to page 23).
2. Highlight the "Map" button at the bottom of the page and press **ENTER** to display the waypoint on the map.
3. Press **ENTER** again to place a "Move" marker next to the waypoint.
4. Use the **ROCKER** key to drag the waypoint to the desired location on the map and release to place it there. Then press **ENTER**.

Projecting a Waypoint

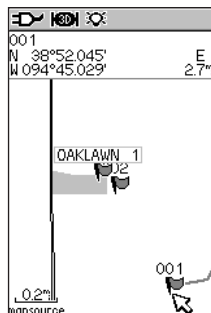
Projecting a waypoint from any map item (another waypoint, etc.) allows you to establish a new waypoint that is a certain bearing and distance away from that map item.

To project a waypoint:

1. Select an item from the Find Menu and display the Information Page.
2. Press the **FIND** key to display the Options Menu and select "Project Waypoint."
3. Press **ENTER** to display the Project Waypoint Page.
4. Enter the distance and bearing to the projected waypoint in the appropriate fields at the bottom of the page and press the **MENU** key to save and exit.



Project Waypoint
Page



Projected Waypoint on
the Map

Using the Find Menu

The Find Feature provides you with a method for searching for Cities and Exits which are included in the GPSmap 60 basemaps. If you have downloaded Garmin MapSource mapping data that contains additional map detail, you can search for Points of Interest, Addresses and Intersections. If you download BlueChart® data,* you can find detailed Marine items such as Wrecks and Obstructions, NAVAIDS, and Anchorages. If this additional data is not loaded, these options are not available. Waypoints and Geocache Points are items you can create and add to the Find Menu.

Searching for a map item is simplified because the map database is separated into groups, which are shown as icons on the Find Menu Page.

- When you access a Find group list, by default it will contain only those items near your current location or the Panning Arrow (if active).
- To save effort in searching again for an item already found, you can use the “Recent Finds” group, which contains a list of 50 last found items of all categories.

The options menu for each map item group offers its own unique search options such as “Find By Name,” “Find Nearest,” “Select Symbol” (for Waypoints), “Change Reference” (by moving the map Panning Arrow to a new location), “Nearest Containing” (a key word you enter) and “Select Category” (for those groups such as Food and Drink, Lodging, etc.). Using these options can effectively shorten your search.

* Refer to the Garmin website: <http://www.garmin.com/cartography/mapSource/>

Using Find

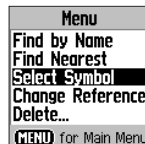


Press the
FIND key to
display the
Find Menu

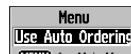
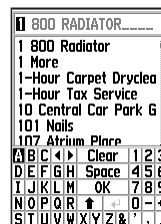


Find Menu

Options Menu
for Waypoints



Find By Name
Option



Auto Ordering
Option places
the last selected
category at the
top of the page.

Options Menu
for groups with
Sub-Categories



GPSmap 60

GPS Navigation

Using Find



All Points of Interest



"Finding" icon displays while searching



Recent Finds

Pressing the FIND key with Find Menu displayed will take you to this page.

All Points of Interest			
All			
Near Current Location			
Garmin International			
Walmart			
Subway			
Quiktrip			
Quik Trip			
Indian Tr			
Map Info			
Located			
Kansas			
From Current			
S			
1 800 RADIATOR			
1 800 Radiator			
1 More			
1-Hour Carpet Dryclea			
1-Hour Tax Service			
10 Central Car Park G			
101 Nails			
107 Atrium Place			
ABC			
DEF			
GHI			
JKL			
MNO			
PQR			
STU			
VWX			
YZ			
Space			
OK			
Clear			
1 2 3			
4 5 6			
7 8 9			
0 - +			
, .			

Recent Finds	
•	Woodland Studios
•	A&M Carpet
•	Iowa Paint Mfg Co
•	Quik Trip Store
•	Taco Via
•	001
•	Garmin International
•	GARMIN
•	Shawnee Mission Co
•	Mattress City

Recent Finds List

Searching for a location using Find By Name

If you know the name of the location you want to find, the Find By Name search option may be the easiest method of searching.

To find a location using Find By Name:

1. Press the **FIND** key to display the Find Menu.
2. Use the **ROCKER** key to highlight the Group icon for the type of item you want to search for and press **ENTER** to display the page. Or, if you want to search the entire item database, select "All Points of Interest."
3. Press the **MENU** key to select "Find By Name."
4. Use the **ROCKER** key and **ENTER** key to operate the keypad at the base of the display and enter the name of the location, when the list displays a match, highlight "OK" and press **ENTER** to go a list where you can select the item.
5. Next, the Information Page for that location will display.

Searching for a location using Recent Finds

The Recent Finds Page saves all of your most recent searches in a list. Your last found location appears at the top of the list. When you exceed the number of entries the list can hold, the oldest is deleted.

To return to a recently found item:

1. With the Find Menu displayed, use the **ROCKER** key to highlight the Recent Finds icon and press **ENTER** to display the Recent Finds List.
2. Use the **ROCKER** key to select the list item you want view and press **ENTER** to display the Information Page for that item.

Using the Find Item Information Page

When you select a Find item and press the **ENTER** key, an Information Page displays with detailed information about the item. This page contains the following information:

- A title (if a waypoint, it can be renamed and a map symbol assigned).
- An information field (if a waypoint, information you add, if a map item, an address or other description).
- Location coordinates, if the item is a waypoint.
- Elevation and depth, if a waypoint.
- Direction and distance from current location or the map pointer.

At the bottom of the page are three on-screen buttons. These buttons will appear differently depending on whether you are selecting a Find item to navigate to or adding a Find item to a route list as a waypoint.

- If selecting an item as a destination, the buttons display as follows:

Delete - remove from the Waypoints list.

Map - display on the Map Page.

Go To - start a Go To navigation.

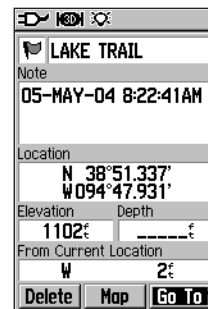
- If selecting an item to add to a list of points, these three buttons will be displayed:

Save - save as a waypoint.

Map - display on the Map Page.

Use - insert into a list of points on a route.

Using Find

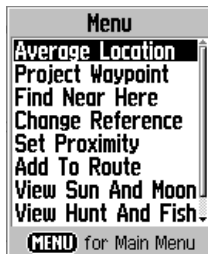


Information Page
for a Waypoint

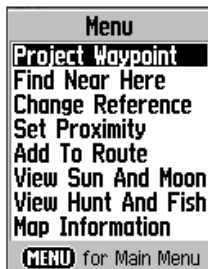


Information Page
for a Map Item

Using Find



Waypoint Information
Page Options include
"Average Location"



Find Map Database Item
Information Page Options

The Find Information Page Options Menu offers eight options for using a Find Item as a tool for navigation.

To use the Find Item Information Page Options Menu:

1. With an Information page displayed for a Find item, press the **MENU** key to display the Options Menu.
2. Use the **ROCKER** key to highlight the desired option and press **ENTER**. The following items appear in the Options Menu:

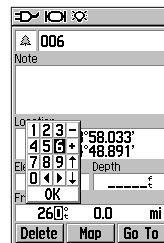
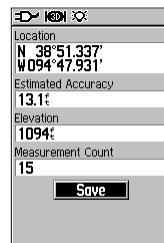
- **Average Location** - Used when marking waypoints only, it samples a waypoint location over time and averages the result for a more accurate position reference.

(Refer to page 19 for detailed information on Location Averaging.)

- **Project Waypoint** - Create a new waypoint by entering a bearing and distance from this point.

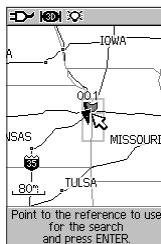
(Refer to page 20 for detailed instructions.)

- **Find Near Here** - Returns you to the Find Menu, where you can search for map items near this point.



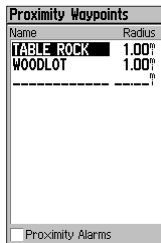
- **Change Reference** - Point to a new location on the map

Page using the Panning
Arrow and press **ENTER**.

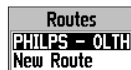


- **Set Proximity** - Program an alarm to sound when you are within a specified radius of an item defined by the Information Page.

(Refer to the Section on Proximity Waypoints on page 56 for detailed information.).



- **Add To Route** - Include this item on a New Route or add it to an existing route.
(See “Using Routes” page on 39 for details.)



Using Find

- **View Sun and Moon** -

View the Sun and Moon tables for this item location.

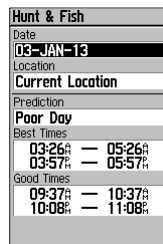
(Refer to page 60 for detailed information about the Sun and Moon Tables.)



- **View Hunt and Fish** -

View the Hunt and Fish tables for this item location.

(Refer to page 61 for detailed information about the Hunt and Fish Tables.)



- **Map Information** -

Displays information about the map that the item originated from.

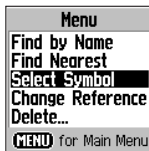
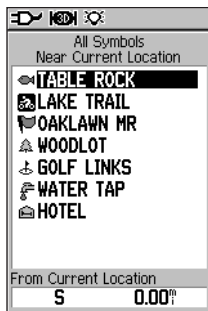
(Refer to page 75 of the Appendices for information about downloading detailed maps.)



GPSmap 60

GPS Navigation

Using Find



Find Waypoint
Options

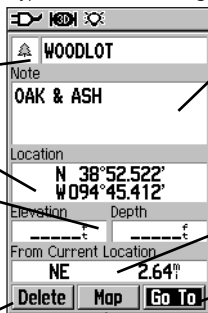
Find Waypoints List

Waypoint Information Page

Waypoint
Name and
Symbol

Waypoint
Location

Coordinates,
Elevation
and Depth (if
applicable)



Enter a
notation
using the
on-screen
keypad

Distance and
Direction from
Current Location

Navigate to
a Waypoint
Location

Remove
Waypoint
from List

View Waypoint on
Map Page

Searching for a Waypoint

The Waypoints List is your storage file for all created and saved waypoints. Waypoints are stored in alpha/numerical order and are also identified by a symbol assigned from a list of symbol types. Waypoints can be selected as destinations and added as points on a route.

To find a Waypoint:

1. Press and hold the **FIND** key to display the Find Menu.
2. Highlight the Waypoint icon and press **ENTER** to display the Waypoints List.
3. Use the **ROCKER** key to scroll up and down the list to find a waypoint. If the list is large, you can press the **MENU** key to display a list of search options.

"Find By Name" allows you to enter the name of the waypoint in a search field.

"Find Nearest" allows you to list only those waypoints near your current location.

"Select Symbol" allows you to search for only those waypoints of a specific type.

"Change Reference" allows you to use the Panning Arrow to select a point on the map other than your current location.

4. Once you find a waypoint, press **ENTER** to view the Waypoint Information Page. You can edit the data or select "Go To" to navigate to the waypoint.

Searching for a Geocache

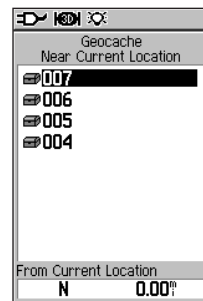
The Find Geocache feature allows you to view the list of geocache locations that you have created using the GPSmap 60 or downloaded from your computer. A geocache location is actually a waypoint with a special geocache symbol assigned to separate it from others on the waypoints list. For more information on creating a geocache point, refer to “Geocache Setup” instructions on page 53.

To find a Geocache:

1. Press and hold the **FIND** key to display the Find Menu.
2. Use the **ROCKER** key to highlight the Geocache icon and press **ENTER** to display the Geocache List. You can display either found geocaches or those that have not been found.
3. Use the **ROCKER** key to highlight the desired geocache in the list and press **ENTER** to display the information page.
4. Highlight the “Go To” button and press **ENTER** to navigate to the geocache location. When you navigate to a geocache, the Compass Page changes to “Geocache Navigation” mode and any additional information about downloaded cache location is displayed in the field.

Note: When you find a geocache, the unit will mark the cache as found, log an entry into the calendar and provide an option that, when activated, will show the next nearest cache.

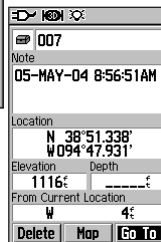
Using Find



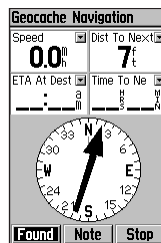
Find Geocache List



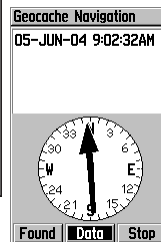
Options Menu



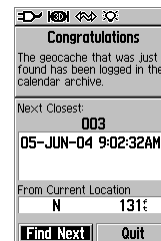
Information Page



Use Found button when you reach a geocache



Use Data button for information about a geocache

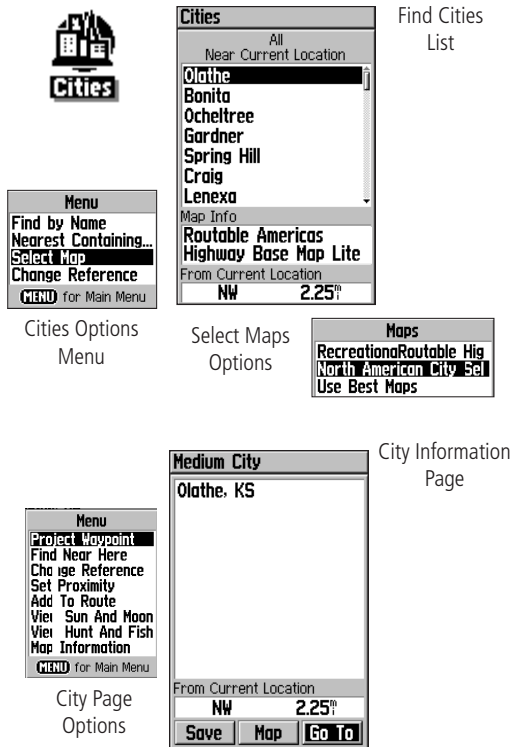


“Find Next” Option

GPSmap 60

GPS Navigation

Using Find



Searching for a City

The Find Cities feature allows you to search for any city listed in the mapping database (either in the basemap or from downloaded detailed mapping data).

To find a city:

1. Use the **ROCKER** key to select the "Cities" option, then press **ENTER** to display the find by "Nearest" list of cities.
2. Use the Options Menu to find a city "By Name," find by "Nearest Containing," use "Select Map" to select a different map to search from or "Chance Reference" from your current location using the Map Pointer.
3. If using find "By Name," begin spelling the name of the city by using the keyboard. When you have entered enough characters to define the name, a match list displays. Scroll through the list to find the city you want. If using "Nearest Containing," use the keyboard to enter a key word to display a list of cities containing that word.
4. Use the **ROCKER** key to select the desired city from the list and then press **ENTER** to display the Information Page for that city.
5. With the Information Page displayed, you can select "Go To," "Map," or "Save" options.

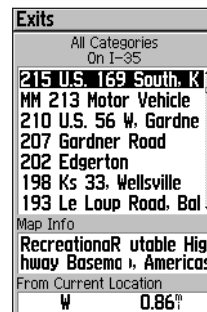
Searching for an Interstate Exit

The Find Exits feature allows you to search for the nearest Interstate Exits.

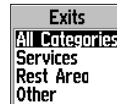
1. Press and hold the **FIND** key to display the Find Menu. Select the Exits icon, then press **ENTER** to display the Exit List.
2. Highlight and select an exit type by pressing **ENTER**. A list of exits nearest to you displays. The title box indicates the interstate highway which is served by the exits. Two fields at the bottom of the page indicate distance and bearing to the exit.
3. Scroll through the list to highlight the desired exit. Press **ENTER** to display the Information Page for that exit. This page contains the exit description with a list of available services near that exit along with the distance and bearing fields.
4. Use the **ROCKER** key to move to the list of services and highlight a selection from the list.
5. Press **ENTER** to display the Information Page for the selected service.

The Exit Services Information Page displays the name of the service, its direction from the exit, and a list of the services available.

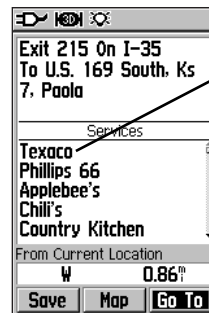
Using Find



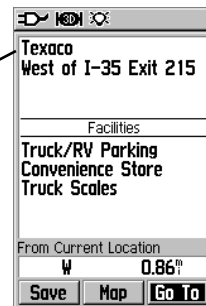
Find Exits List



Options
Menus



Exit Information Page

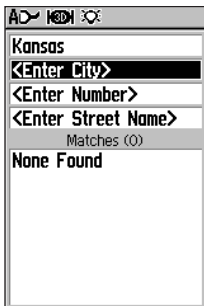


Exit Services Info Page

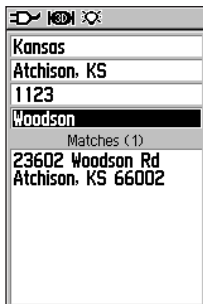
GPSTmap 60

GPS Navigation

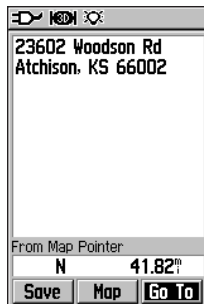
Using Find



Find Addresses Search
Page



Find Address Matches



Address Information
Page

Searching for an Address

The Find Addresses feature allows you to search for an address if you have downloaded detailed mapping data. Enter the street number, street name and city and the Find Feature will match that data with addresses in the map database.

To find an Address:

1. Press and hold the **FIND** key to display the Find Menu.
2. Highlight the Addresses icon and press **ENTER** to display the "Find Addresses" page.
3. If your unit has a GPS fix, the "Region" field at the top of the page will be completed with your current region and the <Enter Number> field will be highlighted. Identifying a city is not necessary as the database has information for the entire region.
4. Enter the Street Number "<Enter Number>" using the on-screen keypad. Select "OK" to enter the number.
5. Finally press **ENTER** to display the street list. Use the on-screen keypad to enter enough of the street name to display a match on the list below. For name streets, like Main or Elm, enter the core name instead of "E," "W," etc., will make the search faster.
6. When done, a list of matches appears below. Select one and press **ENTER** to display the Information Page.

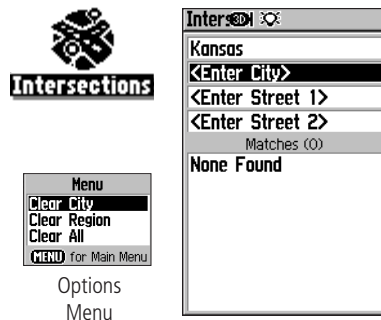
Searching for an Intersection

The Find Intersections feature allows you to search for an intersection if you have downloaded detailed mapping data. Enter the two street names and city and the Find Feature will match that data with intersections in the map database.

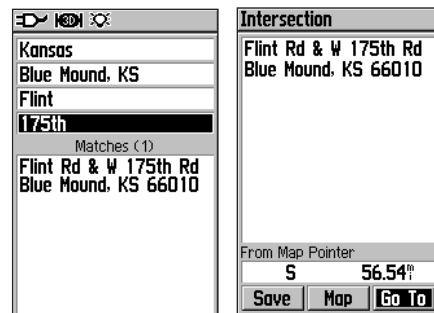
To find an Intersection:

1. Press and hold the **FIND** key to display the Find Menu.
2. Highlight the Intersections icon and press **ENTER** to display the "Find Intersections" search page.
3. If your unit has a GPS fix, the "Region" field at the top of the page will be completed with your current region and the <Enter Street 1> field will be highlighted. Identifying a city is not necessary, as the database has information for the entire region.
4. With <Enter Street 1> highlighted, follow instructions in step 6 of the previous page. Repeat for <Enter Street 2>.
5. Press **ENTER** to display the street list. Use the on-screen keypad to enter enough of the street name to display a match on the list below. For name streets, like Main or Elm, enter the core name instead of "E," "W," etc., to make the search faster.
6. When done, a list of matches appears below. Select one and press **ENTER** to display the Information Page.

Using Find



Intersections Search Page



Intersection Matches

Intersection Info Page

GPSmap 60

GPS Navigation

Using Find



Find POI Topic List



Category List



Search Method



Select Category

POI Information Page

Searching for a Point of Interest

You can use the Find Point of Interest feature to locate a nearby restaurant, lodging, landmark, public building, park, etc. However, you must have downloaded MapSource detailed mapping that supports this feature; otherwise these options, plus Address and Intersection options, are not functional.

To find a point of interest:

1. Press the **FIND** button to display the Find Menu.
2. Highlight a desired "Points of Interest" icon and then press **ENTER** to display the list of nearest points.
3. Press the **MENU** key to choose from search options or choose "Select Category" to narrow your search.
4. Highlight the desired item from the list and then press **ENTER** to display the Information Page for that item.

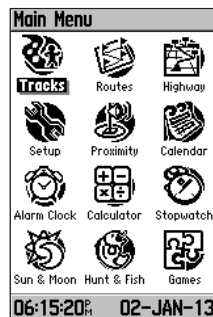
If you are searching for a restaurant that is part of a national chain, only the nearest restaurant to your location is displayed when you search using the "Find Nearest" method. If you search using the "By Name" method, then all of the locations for that chain in the mapping database will be displayed, with the closest to your current location listed first.

About the Main Menu

The Main Menu is the directory for all unit features not in the Main Page sequence. Use the **ROCKER** key to highlight a feature name and then press **ENTER** to display the feature page.

- **Tracks** - This feature allows you to maintain a record of your movements (track log) with information.
- **Routes** - Allows you to create a list of points that you wish to navigate to in a specific order and save for later use.
- **Highway** - A useful graphic perspective for navigating a route.
- **Setup** - Controls the settings for many of the unit operating system features.
- **Proximity** - Activates an alarm for a defined radius around a specified waypoint.
- **Calendar** - An outdoor calendar with data access and waypoint association.
- **Alarm Clock** - Allows you to use the GPSmap 60 as an Alarm Clock.
- **Calculator** - A standard or scientific calculator for measurement conversions, etc.
- **Stopwatch** - A multi-featured stopwatch.
- **Sun & Moon** - Sunrise and sunset times, moon phases and sun and moon positions for any given date and time.
- **Hunt & Fish** - A table of time frames for best hunting and fishing opportunities for any given location and date.
- **Games** - A series of challenging games, some incorporating GPS navigation.

The Main Menu

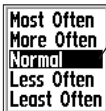


Using Tracks

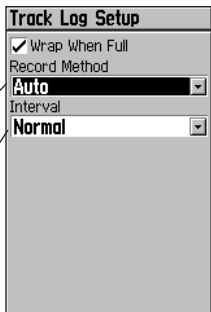


Tracks Page with Saved Track Log

Track Log Options



Setup Options



Track Log Setup Page

Using a Track Log

The Tracks feature creates an electronic trail on the map page as you travel about and is referred to as a Track Log. A track log contains information about points along its path, including time, position and elevation.

Use a Track Log to do the following:

- Record your movements for a given time and place and save it.
- Measure the area of any space you encompass with a track.
- Retrace your path in either direction.

To create a Track Log:

1. Press and release the **QUIT** key until the Main Menu displays. Then use the **ROCKER** key to highlight the Tracks icon.
2. Press **ENTER** to display the Tracks Page. The page contains On and Off buttons to activate or cancel the Track Log and a Track Log meter which displays the percentage of track log space used.
3. Beneath the Track Log field are four on-screen buttons to "Setup" a track log, "Clear" the track log, "Save" a track log and activate the "TracBack" feature for the current log.
4. To setup a track log, highlight the "Setup" button and press **ENTER** to display the Setup page. Check "Wrap When Full" to continue recording when full by overwriting the oldest data with new.

- Highlight the "Record Method" field and press **ENTER** to display the Distance, Time and Auto options. Because a track is made of a series of points that define your path of travel, they can be placed a specified "Distance" apart or placed at a "Time" interval you specify. The "Auto" option allows you choose from five intervals.
- Next, set the interval for setting track points. You can choose from distance, time or frequency values.
- When completed, press the **QUIT** key to return to the Track Log Page.

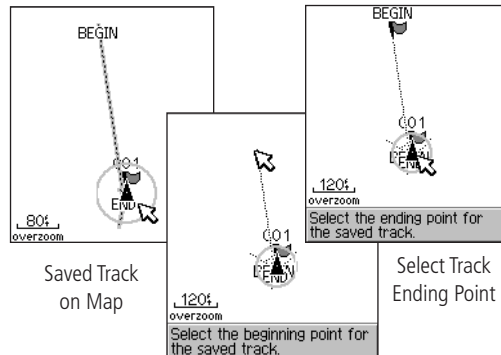
To save a Track Log:

- With the Tracks Page displayed, highlight the "Save" button and press **ENTER**. You will be asked "Do You Want To Save the Entire Track?". If you select "Yes," a "Saving Track" message appears followed by the Saved Track Page. The new saved track will be a representation of the entire track log from beginning to end.
- If you select "No," a map showing the entire track appears and prompts "Select the beginning point for the saved track." Use the **ROCKER** key to move the Panning Arrow to the point on the track line that you want to become the beginning of the Saved Track and press **ENTER**.
- The next prompt asks you, "Select the ending point for the saved track." Use the Panning Arrow to identify a point on the track that you want as the End Point and press **ENTER**. A "Saving Track" message appears followed by the Saved Track Page.
(cont. on page 36)

Using Tracks

Saved Track	
Name	05-MAY-04
Distance	519:
Area	0.0 ac
Style	
<input type="checkbox"/> Show On Map	
Delete	Map
TracBack	OK

Saved Track Page



Select Track Beginning Point

GPSmap 60 GPS Navigation

Using Tracks

Saved Track

Name
05-JUN-04 03

Distance
525'

Area
260.2 ft²

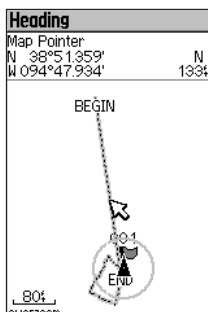
Style
[Dropdown menu]

☐ Show On Map

Delete **Map**

TracBack **OK**

Saved Track Page



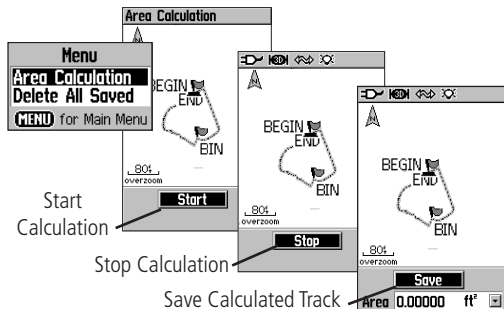
Saved Track on the Map Page

- The Saved Track Page allows you to rename the track, view the track distance, view the calculated area encompassed by the track (an area is defined even if the track is open ended) and specify a color for the track when displayed on the map page (Show On Map). On-screen buttons at the bottom of the page allow you to Save the track (OK), delete, view it on the Map, and navigate the track back to any point along the track (TracBack).

To view a Track on the Map:

- With the Saved Tracks Page for the track or the Track Log displayed, highlight the Map button and press **ENTER** to display the Map Page.
- A map showing the entire track appears with Begin and End markers. Any User Waypoints added to the Track will be displayed as well.

Area Calculation Option



To calculate the area of a Track:

- With the Track Log Page displayed and the Track Log On, press the **MENU** key, highlight the Area Calculation option and press **ENTER**.
- Press **ENTER** to start the calculation as you begin to move and define the area's boundaries. The page now displays a Stop button.
- When you have completed defining the area, press **ENTER** to display the page with a Save button.
- Press **ENTER** again to save the new track to the Saved Tracks List.

Track Profiles

A Track Elevation Profile can be created from Digital Elevation Models (DEM) maps (MapSource U.S. Topo 24K) which include elevation data contained in the map. To create a track profile, you must be located within the geographic area supported by the DEM map data loaded on your GPSmap 60. A Track Profile page displays when you select “Profile.” See page 75 for more information about MapSource U.S. Topo 24K maps.

To view a Track Profile:

1. With the Saved Tracks Page for the Track displayed, press the **MENU** key to display the Profile option.
2. Then press **ENTER** to display the Track Profile.

The beginning of the track is marked by a flag and you can scroll across the profile by pressing the left **ROCKER** key arrow.

As you scroll the profile, the elevation for each point on the profile is displayed at the top of the page and the distance from the Start point and the End Point is displayed at the bottom.

3. At any point along the profile, you can press **ENTER** to display that point on the map.
4. Press the **MENU** key to use “Zoom Ranges” and “Hide Symbols” options.

Using Tracks

